

Title (en)
USE OF A MARINE LUBRICATING OIL COMPOSITE ADDITIVE

Title (de)
VERWENDUNG VON SCHMIERÖLKONZENTRATEN FÜR SCHIFFSÖLE

Title (fr)
UTILISATION D' UN ADDITIF COMPOSITE D'HUILE LUBRIFIANTE MARINE

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Application
EP 12158753 A 20120309

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Abstract (en)
[origin: EP2497818A1] The present invention relates to a marine cylinder oil composite additive. Based on the total weight of the composite additive, said marine cylinder oil composite additive comprises: 15-25% sulfonate detergent with superhigh base number, 35-45% phenolate detergent with superhigh base number, 20-30% naphthenate detergent with superhigh base number, 0-8% dispersing agent, 0-4% antiwear agent, and 10-20% Group I base oil with high viscosity index which is selected from the group consisting of 400SN, 500SN and 650SN. The benefit of the present invention lies in the fact that the composite additive can satisfy the requirement of BOB system about the viscosity and base number, and can be blended with many system oils under a number of domestic and foreign brands so as to provide cylinder lubricating oils with different base numbers. The composite additive according to the present invention has good adaptability and excellent performances in terms of antiwear, antioxidization and high temperature detergency, which meet the requirement of marine engines about the performance of cylinder oils. Moreover, the composite additive according to the present invention is able to maintain good stability in the base oil of the system oil as well as good compatibility, and thus the lubricating performance of the cylinder oil will not be adversely affected.

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